

**METHOD OF BURNISHING A BURNISHABLE REAR PAD SLIDER IN
A DISK DRIVE**

Abstract of the Disclosure

5 A method of burnishing a rear pad of a slider within a disk drive. The rear pad is formed of a burnishable material and maintains elements for reading and writing. The disk drive further includes a spindle motor rotatably driving a disk and an actuator assembly positioning the slider over a surface of the disk. With this in mind, the method includes rotating the disk. The slider is moved in
10 a radial fashion relative to the disk surface in a reciprocal fashion, causing the rear pad to rock. As the rear pad rocks, contact between the rear pad and the disk surface burnishes the rear pad. As a result, a positive camber is imparted in the rear pad relative to the MR element. The above-described method can be practiced following initial manufacture of the disk drive, or at various times over
15 the life of the disk drive. Regardless, the method is practiced *in-situ* and is therefore very fast, cheap, and adapts quickly to the particular disk in which the slider is flying.

TOP SECRET